Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
Data File : BP005606.D
Acq On : 19 May 2021 11:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 19 13:20:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

mohammad

5/20/2021 11:35:31 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.658 | 152 | 10224 | 20.00 | ng | # | 0.00 |
| 21) Naphthalene-d8 | 10.446 | 136 | 35731 | 20.00 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.310 | 164 | 31496 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.069 | 188 | 79525 | 20.00 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.175 | 240 | 113130 | 20.00 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.469 | 264 | 121718 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.252 | 112 | 41354 | 77.62 | ng | | 0.00 |
| 7) Phenol-d6 | 6.858 | 99 | 53510 | 80.55 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.828 | 82 | 70870 | 78.07 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.816 | 330 | 64671 | 72.36 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.928 | 172 | 205391 | 73.56 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.645 | 244 | 531873 | 79.84 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.140 | 88 | 8156 | 39.18 | ng | # | 88 |
| 3) Pyridine | 3.558 | 79 | 19320 | 40.96 | ng | # | 75 |
| 4) n-Nitrosodimethylamine | 3.470 | 42 | 15219 | 40.12 | ng | # | 4 |
| 6) Aniline | 6.999 | 93 | 28552 | 39.82 | ng | # | 69 |
| 8) 2-Chlorophenol | 7.228 | 128 | 23085 | 40.34 | ng | | 91 |
| 9) Benzaldehyde | 6.816 | 77 | 15721 | 47.03 | ng | # | 71 |
| 10) Phenol | 6.887 | 94 | 25920 | 39.01 | ng | # | 45 |
| 11) bis(2-Chloroethyl)ether | 7.099 | 93 | 17850 | 38.90 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.546 | 146 | 28151 | 36.98 | ng | # | 80 |
| 13) 1,4-Dichlorobenzene | 7.693 | 146 | 29238 | 38.53 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.005 | 146 | 28585 | 39.31 | ng | | 95 |
| 15) Benzyl Alcohol | 7.922 | 79 | 25147 | 39.24 | ng | # | 81 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.199 | 45 | 8442 | 37.26 | ng | # | 52 |
| 17) 2-Methylphenol | 8.128 | 107 | 17975 | 39.39 | ng | # | 75 |
| 18) Hexachloroethane | 8.716 | 117 | 12816 | 40.78 | ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 8.475 | 70 | 20722 | 42.60 | ng | | 89 |
| 20) 3+4-Methylphenols | 8.463 | 107 | 25247 | 41.62 | ng | | 88 |
| 22) Acetophenone | 8.493 | 105 | 37312 | 37.02 | ng | # | 84 |
| 24) Nitrobenzene | 8.869 | 77 | 35495 | 38.98 | ng | # | 88 |
| 25) Isophorone | 9.399 | 82 | 54250 | 38.59 | ng | # | 95 |
| 26) 2-Nitrophenol | 9.581 | 139 | 13657 | 35.82 | ng | # | 75 |
| 27) 2,4-Dimethylphenol | 9.652 | 122 | 19190 | 38.02 | ng | # | 83 |
| 28) bis(2-Chloroethoxy)met... | 9.881 | 93 | 21745 | 36.95 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.122 | 162 | 30302 | 38.23 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.316 | 180 | 39093 | 38.61 | ng | | 99 |
| 31) Naphthalene | 10.499 | 128 | 72568 | 37.77 | ng | | 98 |
| 32) Benzoic acid | 9.863 | 122 | 13652 | 35.01 | ng | # | 77 |
| 33) 4-Chloroaniline | 10.634 | 127 | 28231 | 37.72 | ng | # | 89 |
| 34) Hexachlorobutadiene | 10.769 | 225 | 35177 | 41.66 | ng | | 94 |
| 35) Caprolactam | 11.452 | 113 | 6643m | 36.43 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.781 | 107 | 28317 | 40.08 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.122 | 142 | 59904 | 38.87 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.340 | 142 | 57263 | 39.36 | ng | | 95 |
| 40) 1,2,4,5-Tetrachloroben... | 12.493 | 216 | 53503 | 36.97 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.457 | 237 | 17800 | 34.25 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.751 | 196 | 32278 | 35.70 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.840 | 196 | 33827 | 34.67 | ng | | 92 |
| 46) 1,1'-Biphenyl | 13.146 | 154 | 88402 | 36.45 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.187 | 162 | 74054 | 36.68 | ng | | 98 |
| 48) 2-Nitroaniline | 13.416 | 65 | 21969 | 38.30 | ng | | 96 |
| 49) Acenaphthylene | 14.034 | 152 | 104818 | 36.03 | ng | | 99 |
| 50) Dimethylphthalate | 13.787 | 163 | 97792 | 35.97 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 13.916 | 165 | 21542 | 35.28 | ng | | 87 |
| 52) Acenaphthene | 14.375 | 154 | 65645 | 36.27 | ng | | 97 |
| 53) 3-Nitroaniline | 14.251 | 138 | 15659 | 35.80 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 14.481 | 184 | 13449 | 36.52 | ng | # | 83 |
| 55) Dibenzofuran | 14.716 | 168 | 126252 | 37.09 | ng | | 94 |
| 56) 4-Nitrophenol | 14.598 | 139 | 13525 | 40.96 | ng | # | 54 |
| 57) 2,4-Dinitrotoluene | 14.710 | 165 | 32695 | 36.32 | ng | # | 82 |
| 58) Fluorene | 15.363 | 166 | 104271 | 37.51 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.957 | 232 | 37134m | 38.06 | ng | | |
| 60) Diethylphthalate | 15.151 | 149 | 96598 | 36.68 | ng | | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.363 | 204 | 68275 | 39.25 | ng | | 97 |
| 62) 4-Nitroaniline | 15.422 | 138 | 14831 | 35.29 | ng | # | 66 |
| 63) Azobenzene | 15.657 | 77 | 106781 | 39.34 | ng | | 86 |
| 65) 4,6-Dinitro-2-methylph... | 15.481 | 198 | 22151 | 35.15 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 15.587 | 169 | 88133 | 37.97 | ng | | 94 |
| 67) 4-Bromophenyl-phenylether | 16.257 | 248 | 48848 | 39.35 | ng | | 98 |
| 68) Hexachlorobenzene | 16.369 | 284 | 61393 | 39.00 | ng | | 99 |
| 69) Atrazine | 16.545 | 200 | 41303 | 38.10 | ng | | 98 |
| 70) Pentachlorophenol | 16.734 | 266 | 34194 | 40.94 | ng | | 95 |
| 71) Phenanthrene | 17.110 | 178 | 172821 | 38.24 | ng | | 98 |
| 72) Anthracene | 17.204 | 178 | 169034 | 37.69 | ng | | 98 |
| 73) Carbazole | 17.486 | 167 | 146392 | 37.07 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.039 | 149 | 164307 | 37.90 | ng | # | 96 |
| 75) Fluoranthene | 19.092 | 202 | 237682 | 38.24 | ng | | 97 |
| 77) Benzidine | 19.292 | 184 | 68591 | 39.17 | ng | | 97 |
| 78) Pyrene | 19.445 | 202 | 245165 | 38.28 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.328 | 149 | 77766 | 37.58 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.157 | 228 | 277904 | 37.91 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.098 | 252 | 100886 | 36.53 | ng | # | 97 |
| 83) Chrysene | 21.210 | 228 | 270714 | 38.10 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.080 | 149 | 117274 | 37.06 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 21.969 | 149 | 199014 | 37.44 | ng | # | 91 |
| 87) Indeno(1,2,3-cd)pyrene | 25.857 | 276 | 365438 | 35.69 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 22.769 | 252 | 306274 | 37.76 | ng | # | 99 |
| 89) Benzo(k)fluoranthene | 22.816 | 252 | 302724 | 38.17 | ng | # | 98 |
| 90) Benzo(a)pyrene | 23.369 | 252 | 282952 | 38.06 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 25.857 | 278 | 321903 | 35.63 | ng | # | 97 |
| 92) Benzo(g,h,i)perylene | 26.586 | 276 | 308977 | 36.96 | ng | # | 94 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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